Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for identifying one or more color calibration profiles for use with a scan of a printed image, comprising:

scanning the printed image to generate scanned image data;

determining a spatial characteristic of the printed image from the scanned image ~~data based on a positioning of at least one pixel relative to another pixel;~~ data;

comparing the spatial ~~characteristics~~ characteristic of the scanned printed image with spatial characteristics associated with color ~~characterization~~ calibration profiles; and

selecting one or more color calibration profiles based on the comparison of the spatial ~~characteristics.~~ characteristics, wherein

the color calibration profile alters a chrominance value.

2. (Currently Amended) The method in claim 1, wherein the spatial characteristics associated with ~~color characterization~~ the color calibration profiles are determined from scans of color ~~characterization~~ calibration targets used in creating the color ~~characterization~~ calibration profiles.

3. (Currently Amended) The method in claim 2, wherein the spatial characteristics associated with ~~a color characterization profile~~ the color calibration profiles are determined during the creation of ~~color characterization~~ the color calibration profiles.

4. (Currently Amended) The method in claim 3, wherein the spatial characteristics associated with the color ~~characterization~~ calibration profiles are stored with the color ~~characterization~~ calibration profiles.

5. (Currently Amended) The method in claim 3, wherein the spatial characteristics associated with ~~a color profile~~ the color calibration profiles are stored within private tags in the ~~color characterization profile~~ color calibration profiles.

6. (Currently Amended) The method of claim 1, wherein the comparing comprises computation of a distance measure between the spatial characteristic of the image and ~~a spatial~~ the spatial characteristics associated with the color ~~profile.~~ calibration profiles.

7. (Currently Amended) The method of claim 6, wherein the selecting further comprises choosing one or more color calibration profiles which are closest with respect to the distance measure.

8. (Previously Presented) The method of claim 1, wherein the determining of a spatial characteristic further comprises:

statistically analyzing the scan of the printed image; and

determining spatial variations in the printed image based at least on the results of the statistical analysis of the scanned image data.

9. (Currently Amended) The method of claim 1, wherein selecting one or more color calibration profiles is performed automatically.

10. (Currently Amended) The method of claim 1, wherein selecting one or more color calibration profiles is performed by blending multiple color calibration profiles using at least weighting factors determined from said comparison ~~of the spatial characteristics.~~ of the spatial characteristic of the scanned image with the spatial characteristics associated with the color calibration profiles.

11. (Currently Amended) The method of claim 1, wherein selecting one or more color calibration profiles comprises:

automatically processing a group of pre-selected color calibration profiles to generate candidate color calibration profiles; and

manually selecting one or more color calibration profiles from the candidate color calibration profiles.

12-40. (Canceled)

41. (New) The method in claim 1, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

42. (New) The method in claim 2, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

43. (New) The method in claim 3, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

44. (New) The method in claim 4, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

45. (New) The method in claim 5, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

46. (New) The method in claim 6, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

47. (New) The method in claim 7, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

48. (New) The method in claim 8, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.

49. (New) The method in claim 9, wherein determining the spatial characteristic of the printed image is based on a positioning of at least one pixel relative to another pixel.